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States Government

Department of Energy

Rocky Flats Office

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DATE

## Memorandum

SEP 10 11 39 AM '91

## ACTION

DIST. LTR ENC

BENJAMIN, A.		
BRETZKE, J.C.		
BURLINGAME, A.H.		
COPP, R.D.		
CROUCHER, D.W.		
DAVIS, J.G.		
EVERED, J.E.	X	X
FERRERA, D.W.		
FERRIS, L.R.		
FRAIKOR, F.J.		
FRANCIS, G.E.		
GOODWIN, R.		
HANNI, B.J.	X	X
HEALY, T.J.		
IDEKER, E.H.		
JENS, J.P.		
KERSH, J.M.	X	X
KIRBY, W.A.		
KRIEG, D.		
KUESTER, A.W.		
LEE, E.M.		
MAJESTIC, J.R.		
MARX, G.E.	X	X
MATHEWS, T.A.		
MEURRENS, B.E.		
MORGAN, R.V.		
PIZZUTO, V.M.		
POTTER, G.L.		
SAFFELL, B.F.		
SANDLIN, N.B.		
SWANSON, E.R.		
WIEBE, J.S.		
WILKINSON, R.B.		
WILSON, J.M.		
YOUNG, E.R.		
ZANE, J.O.		

Nesta	S	X	X
Greenwald		X	X
Hobbs	F	X	X
Arndt	M	X	X
Waterbee	G	X	X
Erlich	O	X	X
SKOW	M	X	X

CORRESP. CONTROL	X	X
TRAFFIC		

Reviewed for Addressee  
Corres. Control RFP

9-13-91 Cui

DATE BY

Ref Ltr. #

SEP 06 1991

ERD:SG:6483

Colloid Characterization Task With USGS Under DOE/USGS Interagency Agreement

J.M. Kersh, Associate General Manager  
Environmental Restoration and Waste Management  
EG&G Rocky Flats, Inc.

Under an Interagency Agreement (IA) between DOE/RFO and the USGS Water Resources Division (IA No. DE-AI34-91RF00012), the first Task is a colloidal characterization project entitled, "Determination of Colloidal and Solution-Phase Transport of Americium and Plutonium in Groundwater at Rocky Flats." A copy of the USGS proposal is attached for your information and serves as the workplan for this project. We will need your assistance in coordinating site access, obtaining appropriate work permits, and radionuclide sample analysis coordination. The NEPA Categorical Exclusion (CX) for site characterization activities at OU2 and/or the CX for OU2 bench scale testing also covers this project.

The USGS will need assistance in obtaining water samples from wells and surface water in the vicinity of Operable Unit 2 (903 Pad area). Some coordination for site access and appropriate work permits will be necessary. As part of the colloid characterization project, we will need your assistance in getting water to your offsite laboratories for radionuclide analysis. It is our understanding that Greg Weterbee of your staff has been designated the point of contact.

It is anticipated that approximately \$200,000 will be required for the radionuclide analysis by EG&G offsite laboratories. Therefore, please allocate this amount in support of this task with USGS.

We appreciate your efforts in assisting us with the USGS colloidal study. If you have any questions, please contact Scott Grace of my staff at extension 7199.

David P. Simonson  
Assistant Manager  
for Environmental Management

Attachment

cc: (see page 2)

J. M. Kersh

2

cc w/Attachment:

R. Schassburger, DOE/RFO

H. Rose, DOE/RFO

T. Powell, DOE/RFO

C. Franklin, DOE/RFO

E. Evered, EG&G/RF

T. Greengard, EG&G/RF

M. Arndt, EG&G/RF

G. Weterbee, EG&G/RF

O. Erlich, EG&G/RF

D. Knight, USGS/WRD